

Learn more about wildland firefighting on the internet by visiting these websites:

U.S. Fish & Wildlife Service Fire Management  
<http://www.fws.gov/fire>

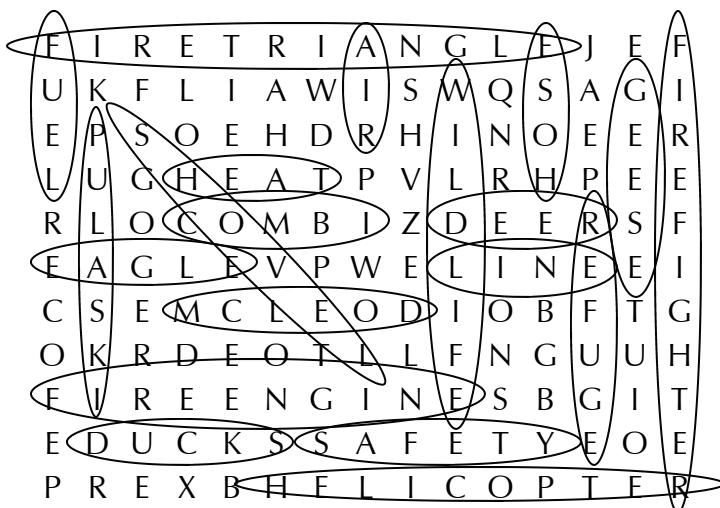
Klamath Basin NWRC Fire Management  
<http://www.fws.gov/klamathbasinrefuges/fire>

National Interagency Fire Center  
<http://www.nifc.gov>

Smokey Bear Online  
<http://www.smokeybear.com>



Answers to word search.



# Junior Refuge Firefighter



Klamath Basin  
National Wildlife Refuge Complex  
Tulelake, Ca

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Fire Management  
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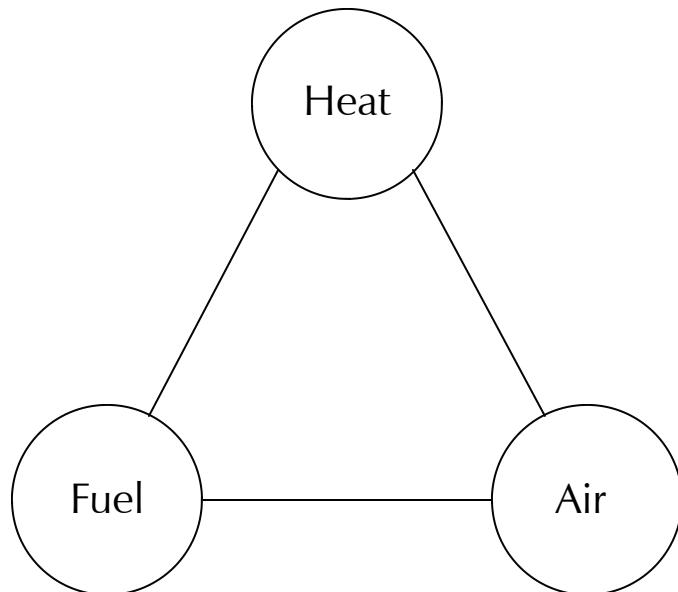
Fire needs three things to burn:

**Fuel** (something that can burn)

**Heat** (enough to make the fuel burn)

**Air** (oxygen)

These three things make up the **Fire Triangle**.



If you take away one part of the **Fire Triangle**, there can be no fire.

Wildlife refuges have many types of fuels like tule reeds and cattails, grasses and sagebrush. Refuges also have trees such as Ponderosa pine, Douglas fir, Incense cedar and Western juniper. All of these **fuels** can burn when combined with enough **heat** and **air**.

Answer these questions and become a Junior Refuge Firefighter.

1. Name the three parts of the Fire Triangle.

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2. Name three types of tools firefighters use to put out wildfires.

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3. What are three things you can do to prevent fires?

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Junior Firefighters Name

\_\_\_\_\_  
Refuge Official

\_\_\_\_\_  
Date



# Junior Refuge Firefighter Word Search

F	I	R	E	T	R	I	A	N	G	L	E	J	E	F
U	K	F	L	I	A	W	I	S	W	Q	S	A	G	I
E	P	S	O	E	H	D	R	H	I	N	O	E	E	R
L	U	G	H	E	A	T	P	V	L	R	H	P	E	E
R	L	O	C	O	M	B	I	Z	D	E	E	R	S	F
E	A	G	L	E	V	P	W	E	L	I	N	E	E	I
C	S	E	M	C	L	E	O	D	I	O	B	F	T	G
O	K	R	D	E	O	T	L	L	F	N	G	U	U	H
F	I	R	E	E	N	G	I	N	E	S	B	G	I	T
E	D	U	C	K	S	S	A	F	E	T	Y	E	O	E
P	R	E	X	B	H	E	L	I	C	O	P	T	E	R

Can you find these wildlife refuge and firefighting words?

AIR  
COMBI  
DEER  
DUCKS  
EAGLE  
FIRE ENGINE  
FIRE TRIANGLE  
FIREFIGHTER  
FUEL  
GEESE

HEAT  
HELICOPTER  
HOSE  
LINE  
MCLEOD  
PULASKI  
REFUGE  
SAFETY  
SHOVEL  
WILDLIFE

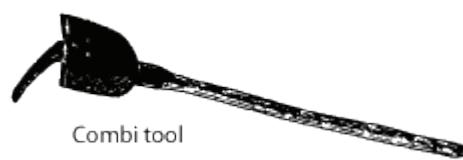
Firefighters use different tools to extinguish wildfires.



Pulaski's chop brush and roots and scrape dirt.



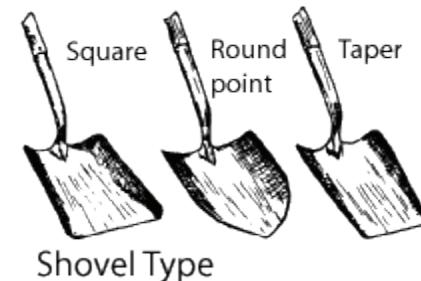
McLeod's scrape dirt and rake leaves and grass.



Combi's dig out roots and rocks, chop small brush and scrape dirt.



The Adze hoe breaks up tough clumps of dirt and scrapes.



Shovel's dig out rocks and roots and move and scrape dirt.

Firefighters use these tools to build handline. Handline is a path of dirt without any burnable **fuels** in it. If you remove the fuels, you break the **fire triangle** and stop the wildfire.

Can you think of other tools firefighters use to fight fire?

Firefighters also use different machines to stop wildfires.



Helicopters drop water to cool fires and fly firefighters into fires far from roads or trails.

Airtankers drop retardant in front of fires to slow their spread or drop water on the fire to extinguish it.



Fire engines are used to drive firefighters to a fire and then pump water through hoses to put the fire out. Fire engines also carry all of the tools firefighters use to build handline.

Can you think of other machines firefighters use to put out wildfires?

How can you help firefighters prevent unwanted wildfires?

1. Never play with matches or fire.
2. Always tell an adult if you see younger kids playing with matches or fire.
3. If you find matches, give them to an adult.
4. Never leave your campfire without always putting it out.
5. If you see a fire, report it to an adult.

